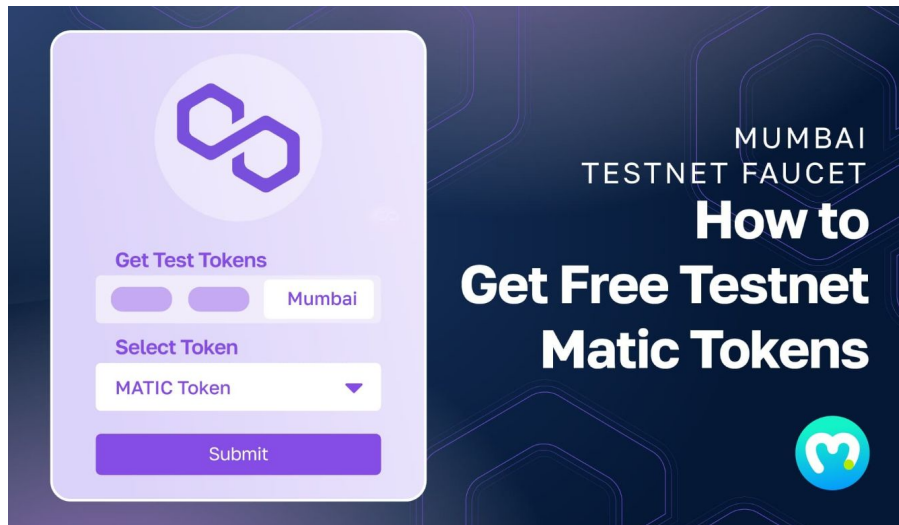
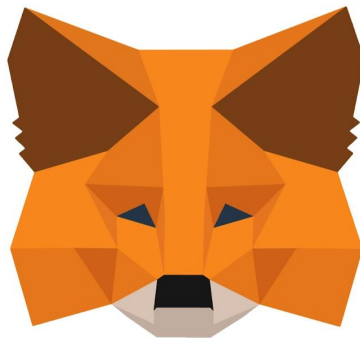


PRE-PRESENTATION

How to link Mumbai testnet + wallet w/ Metamask



The screenshot shows the Mumbai Testnet Faucet interface. On the left, there is a purple rounded rectangle containing the following elements: a purple infinity-like logo inside a circle, the text "Get Test Tokens", two purple buttons, a "Mumbai" button, the text "Select Token", a dropdown menu showing "MATIC Token", and a purple "Submit" button. To the right of this rectangle, the text "MUMBAI TESTNET FAUCET" is displayed above the heading "How to Get Free Testnet Matic Tokens". At the bottom right of the interface is a small blue circular icon with a white 'M' and a yellow dot.





JOE'S
MINT FACTORY

WELCOME TO... **JOE'S MINT FACTORY**

By: Claudia, Jalal, Juan, Nedal, Taylor & Hira

Average Joe is back...



- No house. Not enough to retire. He tries to avoid FOMO by 'focusing' on his photography!
- Wants to learn how to store his art, mint tokens, NFTs, and get in on the blockchain action. Group5 is here to help!
- *Why NFTs in Fintech now?* Joe recognizes that tokens are versatile and can represent rights, physical or digital assets. They are the future!

Goals for Average Joe... baby steps

- **Minting Memories away**

Transforming his pictures into NFTs!

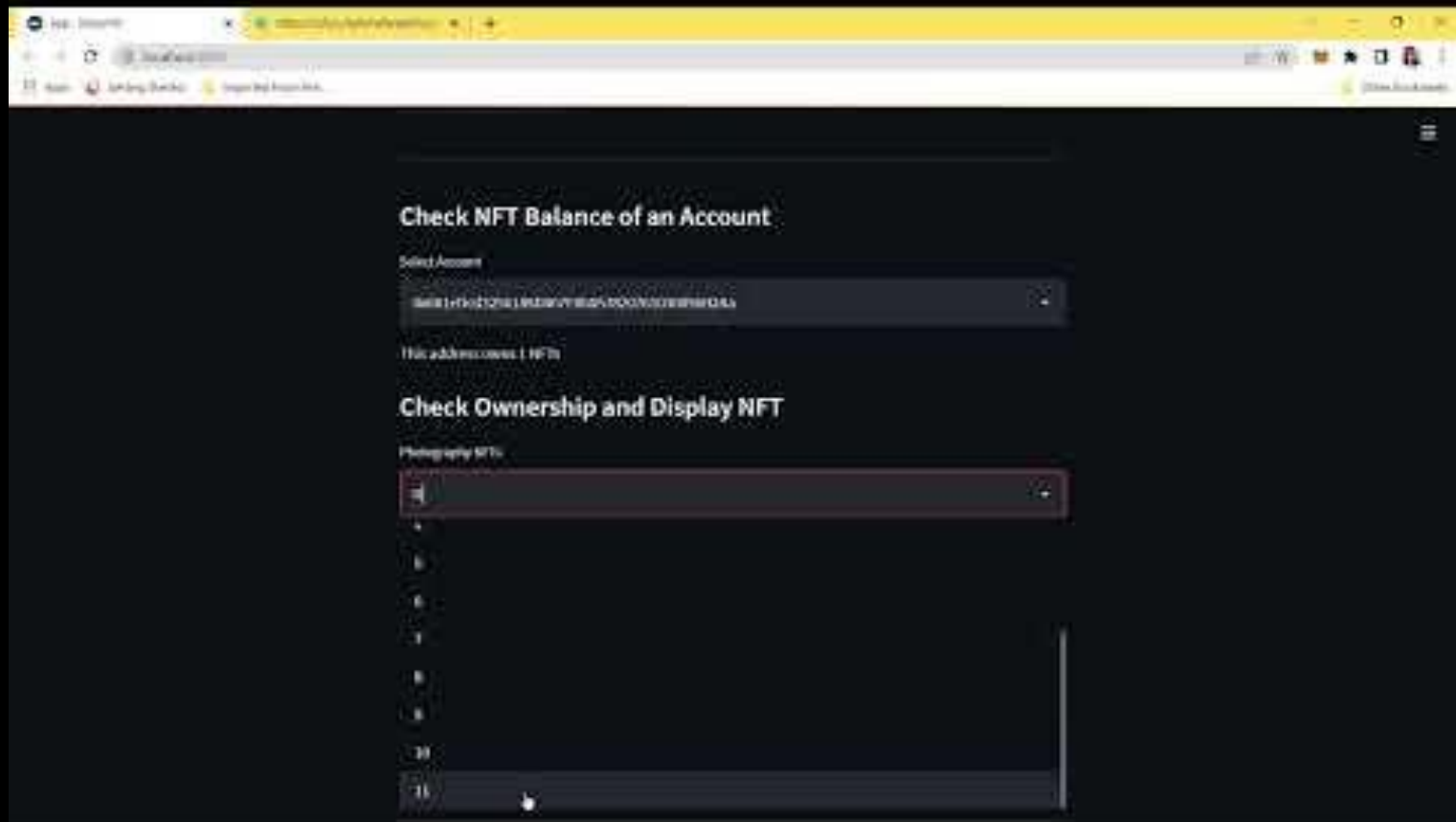
- **Test the testnet**

Mint his own token & NFT and deploy it on Mumbai testnet.

- **Hitting the market**

Sell his favorite photo using Dutch auction smart contract.

Streamlit Application - Live Demo by Claudia



Deploying on the blockchain - Live Demo By Jalal

Deploying Joe Token on Polygon testnet



JOE token details
on Polygon testnet

All Filters ▾

Search by Address / Txn Hash / Block / Token



Home

Blockchain ▾

Tokens ▾

More ▾

Testnet

Token Joe Token ⓘ

Overview

ERC-20

Total Supply: 3,000,000,000,000,000 JOE ⓘ

Holders: 2 addresses

Profile Summary

Contract: 0xfe289af009585a246dc5298d60ad8d7460ac8c9f

Decimals: 4

Minting NFT using JOE token

Overview

Logs (4)

[This is a Polygon PoS **Testnet** transaction only]

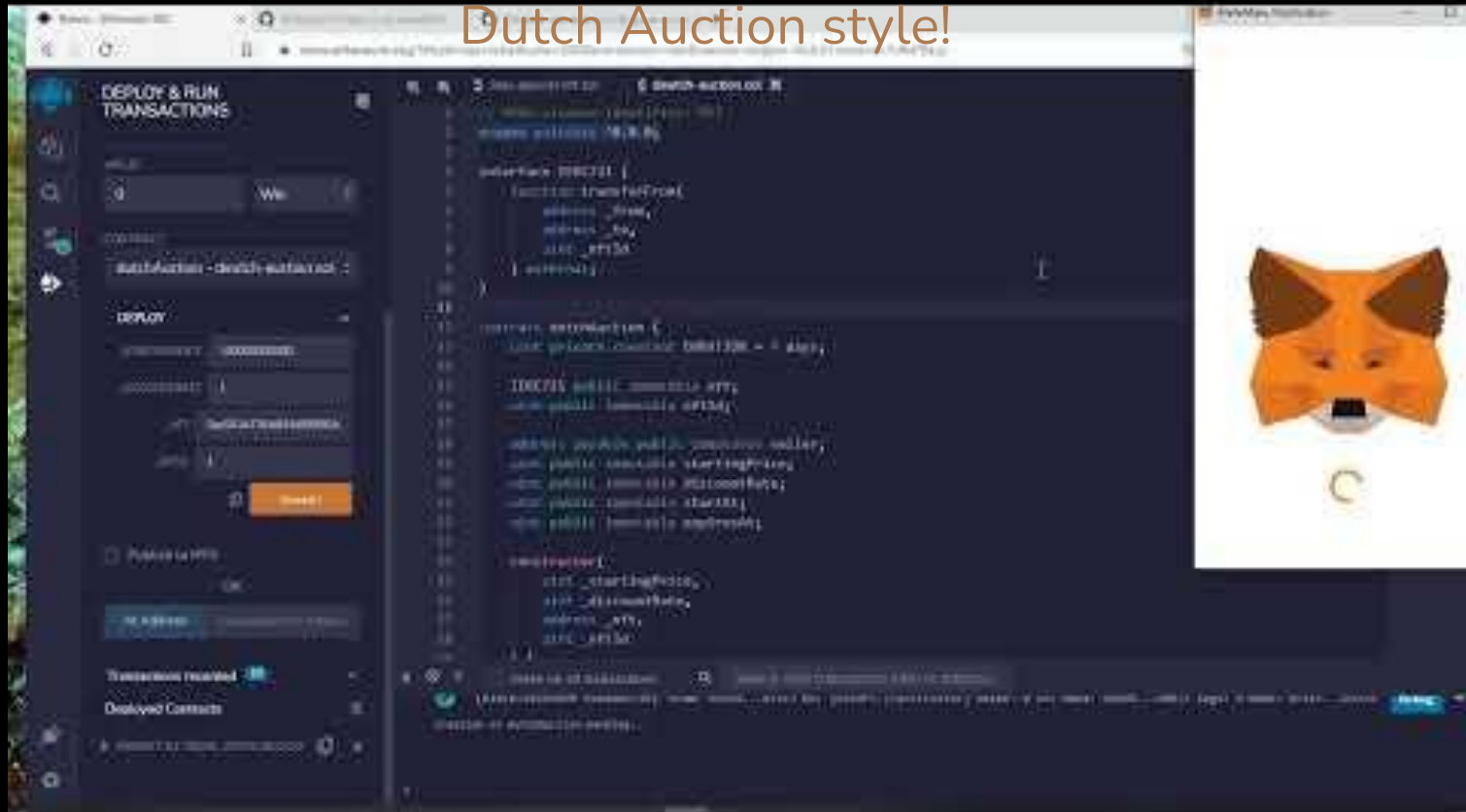
Transaction Hash:	0xef595c5bf76c51849e473cc009eca324154c4050415b1fd669929a69fb2264c5
Status:	Success
Block:	26199964 313 Block Confirmations
Timestamp:	34 mins ago (May-04-2022 01:55:59 PM +UTC)
From:	0xbee360fcd4e433725e519cbb571822da3bf0045d
Interacted With (To):	Contract 0x14ecb29b607ac3909ae09549fa6e66a1f16ae84b
Tokens Transferred:	From 0xbee360fcd4e43... To 0x14ecb29b607ac... For 500,000,000,000,000 Joe Token (JOE)
Tokens Transferred:	From 0x00000000000000... To 0xbee360fcd4e43... For ERC-721 TokenID [1] JoeMintFacto... (JoeNFT)
Value:	0 MATIC (\$0.00)
Transaction Fee:	0.000577982502774316 MATIC (\$0.00)
Txn Type:	2 (EIP-1559)

We spent Joe Token to mint Joe NFT

Dutch Auction - Live Demo By Nedal

Time for Joe to make some money...

Dutch Auction style!



Here's how Group5 helped Average Joe...

- Minted his own token & NFT locally, then on the blockchain live!
- Helped him generate some income using a special Dutch auction contract to sell his art.

However, unfortunately for Joe....



He still can't afford a house in Toronto!

NEXT STEPS IF WE HAD MORE TIME....

1. Deploy our tokens on the mainnet
2. Create a front end interface for everyone to mint & display their NFT



URGENT INTERRUPTION!

A special Airdrop by:



JOE'S
MINT FACTORY



THANK YOU!

Questions?